

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

SAFETY DATA SHEET

10k Diesel Particulate Filter Cleaner

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Trade name**

10k Diesel Particulate Filter Cleaner

Product no.

1427, 1619

▼ Unique formula identifier (UFI)

4Y40-70QW-3008-SKEJ

1.2. Relevant identified uses of the substance or mixture and uses advised against**Relevant identified uses of the substance or mixture**

Additive

Use descriptors (REACH)**Product category****Description**

Additives to petrol or diesel fuel

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet**Company and address****Granville Oil & Chemicals Ltd**

29 Goldthorpe Ind. Est.,
Goldthorpe,
Rotherham,
South Yorkshire, S63 9BL
T 01709 890099

Veedol Ireland Ltd

77 Camden Street Lower,
Saint Kevin's,
Dublin,
Ireland, D02 XE80
T +353 151 363 47

Contact person

Product Safety Department

E-mail

lab@granvilleoil.com

Revision

19/03/2025

SDS Version

4.0

Date of previous version

11/10/2023 (3.0)

1.4. ▼ Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 112 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

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2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

May be fatal if swallowed and enters airways. (H304)

Precautionary statement(s)

General

Keep out of reach of children. (P102)

Prevention

-

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)

Do NOT induce vomiting. (P331)

Storage

-

Disposal

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics

Additional labelling

EUH066, Repeated exposure may cause skin dryness or cracking.

UFI: JTX3-JQM0-EF01-56KA

2.3. Other hazards

▼Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|--|---|---------|---|------|
| Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics | CAS No.: EC No.: 918-481-9 UK-REACH: Index No.: | 95-100% | EUH066 Asp. Tox. 1, H304 | |
| Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics | CAS No.: 64742-47-8 EC No.: 926-141-6 UK-REACH: Index No.: | 1-3% | EUH066 Asp. Tox. 1, H304 | [19] |
| naphthalene | CAS No.: 91-20-3 EC No.: 202-049-5 UK-REACH: Index No.: 601-052-00-2 | <0.01% | Flam. Sol. 2, H228 Acute Tox. 4, H302 Carc. 2, H351 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) | [1] |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[1] European occupational exposure limit.

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet.

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

Burns

Not applicable.

4.2. Most important symptoms and effects, both acute and delayed

Headache, Methaemoglobinaemia (naphthalene)

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

5.3. ▼Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
 Ensure adequate ventilation, especially in confined areas.
 Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
 Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
 Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
 See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the product.
 Smoking, drinking and consumption of food is not allowed in the work area.
 See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage conditions

No specific requirements

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Long term exposure limit (8 hours) (ppm): 184
 Long term exposure limit (8 hours) (mg/m³): 1200

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
 EH40/2005 Workplace exposure limits (Fourth Edition 2020).

▼ DNEL

naphthalene

| Duration: | Route of exposure: | DNEL: |
|--|--------------------|----------------------|
| Long term – Systemic effects - Workers | Dermal | 3,57 mg/kgbw/day |
| Long term – Local effects - Workers | Inhalation | 25 mg/m ³ |
| Long term – Systemic effects - Workers | Inhalation | 25 mg/m ³ |

▼ PNEC

naphthalene

| Route of exposure: | Duration of Exposure: | PNEC: |
|--------------------|-----------------------|----------|
| Freshwater | | 2.4 µg/L |

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

| | |
|-----------------------------------|------------|
| Freshwater sediment | 67.2 µg/kg |
| Intermittent release (freshwater) | 20 µg/L |
| Marine water | 2.4 µg/L |
| Marine water sediment | 67.2 µg/kg |
| Sewage treatment plant | 2.9 mg/L |
| Soil | 53.3 µg/kg |

8.2. ▼ Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

▼ Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

| Type | Class | Colour | Standards |
|-----------------------------------|-------|--------|-----------|
| No special when used as intended. | | | |

Skin protection

| Recommended | Type/Category | Standards |
|---|---------------|-----------|
| Dedicated work clothing should be worn. | - | - |



Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|----------|----------------------|--------------------------|-------------------------|
| Nitrile | 0,38 | > 240 | EN374-2, EN374-3, EN388 |



Eye protection

| Type | Standards |
|-----------------------------------|-----------|
| Safety glasses with side shields. | EN166 |



SECTION 9: Physical and chemical properties

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Brown

Odour / Odour threshold

Characteristic

pH

No data available

▼ Density (g/cm³)

0,79-0,80 (20 °C)

Kinematic viscosity

No data available

Particle characteristics

Not applicable - product is a liquid

Phase changes

▼ Melting point/Freezing point (°C)

No data available.

Softening point/range (°C)

Does not apply to liquids.

Boiling point (°C)

>160

▼ Vapour pressure

No data available.

▼ Relative vapour density

No data available.

▼ Decomposition temperature (°C)

No data available.

Data on fire and explosion hazards

Flash point (°C)

>62

Flammability (°C)

No data available

Auto-ignition temperature (°C)

>200

Lower and upper explosion limit (% v/v)

0.6 - 7

Solubility

Solubility in water

Insoluble

n-octanol/water coefficient (LogKow)

No data available

Solubility in fat (g/L)

No data available

9.2. Other information

Other physical and chemical parameters

No data available.

Oxidizing properties

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

None known.

10.4. Conditions to avoid

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. ▼Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

▼Acute toxicity

| | |
|--------------------|--|
| Product/substance | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| Test method: | OECD 403 |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 (4 hours) |
| Result: | >5000 mg/m ³ |

| | |
|--------------------|--|
| Product/substance | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| Test method: | OECD 401 |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | >5000 mg/kg |

| | |
|--------------------|--|
| Product/substance | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics |
| Test method: | OECD 402 |
| Species: | Rabbit |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | >5000 mg/kg |

| | |
|--------------------|---------------|
| Product/substance | naphthalene |
| Test method: | OECD 403 |
| Species: | Rat |
| Route of exposure: | Inhalation |
| Test: | LC50 (vapour) |
| Result: | >0,4 mg/L |

| | |
|--------------------|--------------|
| Product/substance | naphthalene |
| Test method: | OECD 402 |
| Species: | Rat |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | >16000 mg/kg |

| | |
|--------------------|-------------|
| Product/substance | naphthalene |
| Test method: | OECD 401 |
| Species: | Mouse |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 533 mg/kg |

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Product/substance naphthalene
 Species: Rat
 Route of exposure: Inhalation
 Duration: 24 months
 Test: NOAEL
 Conclusion: Adverse effect observed

▼ Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Long term effects

None known.

▼ Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

naphthalene has been classified by IARC as a group 2B carcinogen.

SECTION 12: Ecological information

12.1. ▼ Toxicity

Product/substance Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Species: Daphnia, Daphnia magna
 Duration: 48 hours
 Test: ELO
 Result: 1000 mg/L

Product/substance Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Species: Fish, Oncorhynchus mykiss
 Duration: 96 hours
 Test: LLO
 Result: 1000 mg/L

Product/substance Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Species: Algae, Pseudokirchneriella subcapitata
 Duration: 72 hours
 Test: ELO
 Result: 1000 mg/L

Product/substance Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Species: Daphnia, Daphnia magna
 Duration: 48 hours
 Test: ELO
 Result: 1000 mg/L

Product/substance Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Species: Fish, Oncorhynchus mykiss
 Duration: 96 hours
 Test: LLO
 Result: 1000 mg/L

Product/substance Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Species: Algae, Pseudokirchneriella subcapitata
 Duration: 72 hours
 Test: ELO
 Result: 1000 mg/L

Product/substance naphthalene
 Species: Algae, Pseudokirchneriella subcapitata
 Duration: 96 hours
 Test: EC50
 Result: 2,96 mg/L

Product/substance naphthalene
 Species: Daphnia, Daphnia magna
 Duration: 48 hours
 Test: EC50
 Result: 2,16 mg/L

Product/substance naphthalene
 Species: Fish, Oncorhynchus gorboscha
 Duration: 96 hours
 Test: LC50
 Result: 0,96 mg/L

Product/substance naphthalene
 Species: Daphnia, Daphnia pulex
 Duration: 125 days
 Test: NOEC
 Result: 0,59 mg/L

Product/substance naphthalene
 Species: Fish, Oncorhynchus gorboscha
 Duration: 40 days
 Test: NOEC
 Result: 0,12 mg/L

12.2. ▼ Persistence and degradability

Product/substance Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Result: >60%
 Conclusion: Readily biodegradable
 Test: OECD 301 F

Product/substance Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
 Conclusion: Readily biodegradable

Product/substance naphthalene
 Result: 0 to 2 % - Not readily - 28 days
 Conclusion: Not biodegradable

12.3. ▼ Bioaccumulative potential

Product/substance naphthalene
 BCF: 3,4
 LogKow: 36.5-168
 Conclusion: -

12.4. Mobility in soil

No data available.

12.5. ▼ Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. ▼ Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

SECTION 13: Disposal considerations

13.1. ▼Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

▼EWC code

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

| | 14.1 | 14.2 | 14.3 | 14.4 | 14.5 | Other |
|------|---------------------------------|------|------------------|------|-------|------------------|
| | UN / ID UN proper shipping name | | Hazard class(es) | PG* | Env** | informatio n: |
| ADR | - | - | - | - | - | - |
| IMDG | - | - | - | - | - | - |
| IATA | - | - | - | - | - | - |

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application

No special.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

▼REACH, Annex XVII

naphthalene is subject to UK-REACH restrictions (entry 40).

Additional information

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.

Sources

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

▼ Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.
H228, Flammable solid.
H302, Harmful if swallowed.
H304, May be fatal if swallowed and enters airways.
H351, Suspected of causing cancer.
H400, Very toxic to aquatic life.
H410, Very toxic to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

= Additives to petrol or diesel fuel

▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

Product Safety Department

▼ Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety

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data sheet cannot be used as a product specification.
Country-language: GB-en